

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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5-6-02

In re U.S. Patent Application of )  
HIRAYAMA et al. )  
Application Number: -To be Assigned )  
Filed: Concurrently Herewith )  
For: MAGNETIC RECORDING MEDIUM AND MAGNETIC )  
RECORDING SYSTEM USING THE SAME )

Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Sir:

Applicant has amended the claims in order to make them correct in accordance with standard U.S. practice. Prior to an examination on the merits, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please substitute the claims with the following amended claims:

8. (Amended) A magnetic storage which comprises a magnetic recording medium, a drive unit to turn the magnetic recording medium, a magnetic head consisting of a writing part and a reading part, a means to move the magnetic head relative to the magnetic recording medium, and a signal processing unit to send and receive signals to and from the magnetic head, wherein the reading part of said magnetic head is a giant magneto-resistive effect element or has a tunnel junction which produces the magneto-resistive effect, and said magnetic recording medium which is comprised of
- a substrate, an underlayer formed over said substrate,
  - a first magnetic layer composed of Co, Pt, and Cr, which is formed on said underlayer,

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